

APR 21 2005

IN THE UNITED STATES PATENT AND TRADEMARKS OFFICE

In re Application of: Thompson, et al.
Serial No.: 10/089,220
PCT Appl. Filed: September 29, 2000
Title: TRANSVERSE SHEAR MODE PIEZOELECTRIC CHEMICAL
SENSOR
Group: 1637
Examiner: Panaro, Nicholas J.
Attorney Ref.: PAT 457W-2
Confirmation No.: 2976

April 21, 2005

Mail Stop AMENDMENT
Commissioner for Patents
U.S. Patent and Trademark Office
220 20th Street S.
Crystal Plaza Two, Lobby, Room 1B03
Arlington VA 22202
U.S.A.

Dear Sir:

AMENDMENT

In response to the Office Action dated **December 3, 2004**, please amend the above-identified application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.